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May 15, 2002

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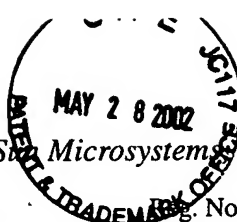
Technology Center 2100

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Reg. No. 26,493
Reg. No. 37,116
Reg. No. 37,940
Reg. No. 38,275
Reg. No. 42,798
Reg. No. 44,319
Reg. No. 39,734
Reg. No. 42,403
Reg. No. 34,110
Reg. No. 40,696
Reg. No. P48,205
Reg. No. 41,936
Reg. No. 43,779
Reg. No. 39,039
Reg. No. 35,521
Reg. No. 43,544
Reg. No. 44,252



each of said attorneys being employed by *Sun Microsystems, Inc.* and

Mark K. Brightwell	Reg. No. 47,446
Brenna A. Brock	Reg. No. 48,509
Jason L. Burgess	Reg. No. 50,380
Gentry Crook	Reg. No. 44,633
Steve J. Curran	Reg. No. 50,664
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Mollie E. Hamel	Reg. No. 48,405
Erik A. Heter	Reg. No. 50,652
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Mark Lupkowski	Reg. No. 49,010
Lawrence J. Merkel	Reg. No. 41,191
Anne Marie Mewherter	Reg. No. 50,484
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
Rory D. Rankin	Reg. No. 47,884
David A. Rose	Reg. No. 26,223
Doug M. Shamah	Reg. No. 45,093
Theresa A. Takeuchi	Reg. No. 46,941
Mark S. Williams	Reg. No. 50,658

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each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

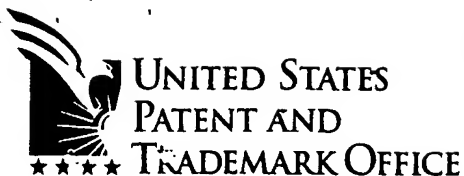
Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert
CONLEY, ROSE & TAYON, P.C.
P.O. Box 398
Austin, Texas 78767-0398
(512) 476-1400

Assignee of Interest: SUN MICROSYSTEMS, INC.
M/S PAL 01-521
901 San Antonio Road
Palo Alto, CA 94303

Dated: May 8, 2002

By: 
Name: Kenneth Olsen
Reg. No.: 26,493
Title: Vice President, Intellectual Property



5151-82104

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APRIL 04, 2002

CONLEY, ROSE & TAYON PC
ROBERT C. KOWERT
PO BOX 398
AUSTIN, TEXAS 78767-0398

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Chief Information Officer
Washington, DC 20231
www.uspto.gov



101977423A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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RECORDATION DATE: 01/22/2002

REEL/FRAME: 012546/0883
NUMBER OF PAGES: 10

MAY 31 2002

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS) Technology Center 2100

ASSIGNOR:

TRAVERSAT, BERNARD A.

DOC DATE: 01/11/2002

ASSIGNOR:

SLAUGHTER, GREGORY L.

DOC DATE: 01/21/2002

ASSIGNOR:

SAULPAUGH, THOMAS E.

DOC DATE: 01/17/2002

ASSIGNOR:

ABDELAZIZ, MOHAMED M.

DOC DATE: 01/11/2002

ASSIGNOR:

DUIGOU, MICHAEL J.

DOC DATE: 01/14/2002

ASSIGNOR:

POUYOUL, ERIC

DOC DATE: 01/12/2002

ASSIGNOR:

HUGLY, JEAN-CHRISTOPHE

DOC DATE: 01/11/2002

ASSIGNOR:

GONG, LI

DOC DATE: 01/17/2002

ASSIGNOR:

YEAGER, WILLIAM J.

DOC DATE: 01/15/2002

ASSIGNOR:

JOY, WILLIAM N.

DOC DATE: 01/15/2002

ASSIGNOR:

CLARY, MICHAEL J.

DOC DATE: 01/15/2002

ASSIGNEE:

SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 10055645

FILING DATE: 01/22/2002

PATENT NUMBER:

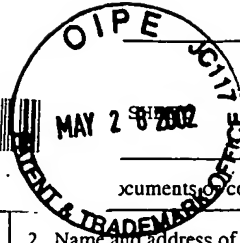
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-08-2002



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
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P5880

To the Honorable Commissioner of Patents.

Documents or copy thereof.

1. Name of conveying party(ies):

Bernard A. Traversat
Gregory L. Slaughter
Thomas E. Saulpaugh
Mohamed M. Abdelaziz
Michael J. Duigou
Eric Pouyoul
Jean-Christophe Hugly
Li Gong
William J. Yeager
William N. Joy
Michael J. Clary

01/22/02

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: _____

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

3. Nature of Conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: 1/11/02, 1/21/02, 1/17/02, 1/11/02, 1/14/02, 1/12/02,
1/11/02, 1/17/02, 1/15/02

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 1/11/02, 1/21/02, 1/17/02, 1/11/02, 1/14/02, 1/12/02,
1/11/02, 1/17/02, 1/15/02

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Kowert
Internal Address: Conley, Rose & Tayon, P.C.
Street Address: P.O. Box 398
City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 501505/5181-82104/RCK
(Attach a duplicate copy of this page if paying by deposit account)

02/07/2002 DBYRME 00000157 501505 10055645

01 FC:581 40.00 CH

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert C. Kowert
Name of Person Signing
Reg. No. 39,255

[Signature]
Signature

January 22, 2002
Date

Total number of pages: 10

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

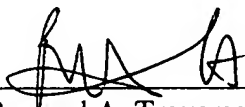
SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, **PEER-TO-PEER NETWORK COMPUTING PLATFORM**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;


COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

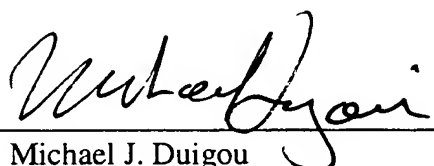
COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

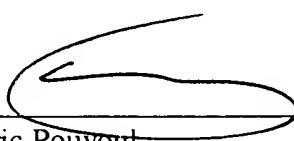
(Signature)  Date: 1/11/02
Name: Bernard A. Traversat

(Signature) _____ Date: _____
Name: Gregory L. Slaughter

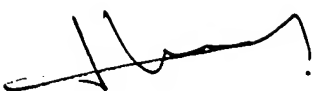
(Signature) _____ Date: _____
Name: Thomas E. Saulpaugh

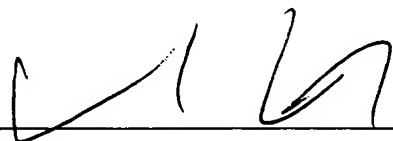
(Signature)  Date: 1-11-2002
Name: Mohamed M. Abdelaziz

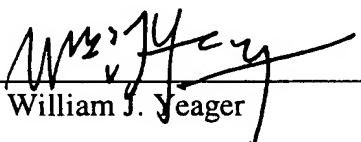
(Signature)  Date: 1/14/2002
Name: Michael J. Duigou

(Signature)  Date: 1-12-2002
Name: Eric Pouyoul

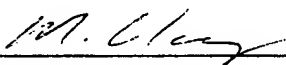
PATENT
5181-82104
P5880

(Signature)  Date: 1/11/02
Name: Jean-Christophe Hugly

(Signature)  Date: 01/11/02
Name: Li Gong

(Signature)  Date: 2/4/02
Name: William J. Yeager

(Signature)  Date: 1/17/02
Name: William N. Joy

(Signature)  Date: 1-15-02
Name: Michael J. Clary

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, PEER-TO-PEER NETWORK COMPUTING PLATFORM, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

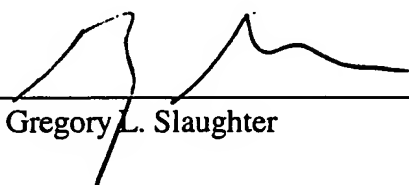
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) _____ Date: _____
Name: Bernard A. Traversat

(Signature)  _____ Date: 1/21/02
Name: Gregory L. Slaughter

(Signature) _____ Date: _____
Name: Thomas E. Saulpaugh

(Signature) _____ Date: _____
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(Signature) _____ Date: _____
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(Signature) Thomas E. Saulpaugh Date: 1-17-2002
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